

What is claimed is:

1. A plasma resistant seal comprising a plasma seal (6) made of PTFE provided with a plasma resisting performance, the plasma seal being provided in a plasma irradiating side of an O-ring (5) made of a rubber-like elastic material and serving as a main seal.
2. A plasma resistant seal comprising a plasma seal made of a material provided with a plasma resisting performance, the plasma seal being provided in a plasma irradiating side of a packing made of a rubber-like elastic material and serving as a main seal.
3. A plasma resistant seal as claimed in claim 1 or 2, wherein a plasma seal installation groove (4) which is shallower than a depth of a packing/O-ring installation groove (3) provided in an installation member (2) is continuously provided in a plasma irradiation side of said packing/O-ring installation groove (3), the packing or the O-ring (5) is attached to said packing/O-ring installation groove (3), and the plasma seal (6) is attached to said plasma seal installation groove (4) in a compressed state.
4. A plasma resistant seal as claimed in claim 1 or 2, wherein the packing or the O-ring (5) is attached to a packing/O-ring installation groove (3) provided in an installation member (2), and the plasma seal (6)

is attached to a plasma irradiation side of the same  
installation groove (3) in a compressed state.